BARTELL MORRISON INC.

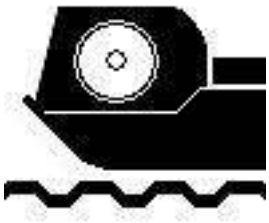
INSTRUCTION MANUAL & PARTS BOOK

VIBRATORY PLATE COMPACTORS

MODELS
B1318
B1821-S
B1821-H
B1821-L
B1824-S
B1824-H
B1824-L

POWERFUL - EFFICIENT - DEPENDABLE

31 SUN PAC BLVD, BRAMPTON, ONTARIO, CANADA, L6S 5P6, 905-458-5455 FAX 905-458-5484

SAFETY PRECAUTIONS	
	DANGER **EXPLOSION HAZARD** Never operate the machine in an explosive atmosphere, near combustible materials or where ventilation does not clear exhaust fumes.
	WARNING **BURN HAZARD** Never come into contact with the engine or muffler when engine is operating or shortly after it is turned off. Serious burns may occur.
	CAUTION **MOVING PARTS** Before starting the machine ensure that all guards and safety devices are in place and fUNCtioning properly.
	**CAUTION** **MACHINE DAMAGE** Never operate on hard, unyielding surfaces. Unwarranted damage may result.
	ATTENTION **READ OWNERS MANUAL** Read and understand operator's manual before using this machine. Failure to follow operating instructions could result in serious injury or death.

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QUALITY ASSURANCE / MACHINE BREAK IN

The Bartell Vibratory Plate Compactor is the product of extensive engineering development designed to give long life and unmatched performance. The Compactors are shipped completely assembled with the exception of attaching the handle, and only require filling with fuel and a brief check of lubricant levels in preparation for operation. The exciter housing are pre-serviced with oil at factory.

You can help ensure that your Vibratory Plate Compactor will perform at top levels by observing a simple routing on first use. Consider that your new Compactor is like a new car. Just as you would break in a new car to the road or any new machine to the job, you should start gradually and build up to full use. Learn what your machine can do and how it will respond. Refer to the engine manufacturer's manual for run-in times. Full throttle and control may be used after this time period, as allowed by material. This will serve to further break in the machine on your specific application, as well as provide you with additional practice using the machine.

We thank you for the confidence you have placed in us by purchasing a Bartell Vibratory Plate Compactor and wish you many years of satisfied use.

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VIBRATORY PLATE COMPACTOR WARRANTY

Bartell agrees to furnish without charge, F.O.B. our plant, a replacement for any part or portion thereof, comprising the main unit of the Bartell Vibratory Plate Compactor, consisting of the exciter housing assembly, save and except drive belts, and power units, prove upon our examination, to be defective in either material or workmanship within a period of twelve (12) months from date of purchase, provided that notice of such defective part or portion thereof is given to Bartell Ltd. within the twelve month warranty period. No further or other guarantee or warranty expressed or implied in connection with the sale of the Compactor is given and our sole liability consists in replacing defective parts or portions thereof. We shall not be responsible for any special, indirect or consequential damages arising in any manner whatsoever.

This guarantee is for the sole benefit of the original purchaser as end user. Our responsibility under this guarantee ends in the case the original purchaser transfers ownership of the Vibratory Plate Compactor, makes any changes or adds any parts or devices not of our manufacture to the Compactor machine.

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MAINTENANCE RECORD

PREVENTATIVE MAINTENANCE AND ROUTINE SERVICE PLAN

This Bartell Vibratory Plate Compactor has been assembled with care and will provide years of service. Preventative maintenance and routine service are essential to the long life of your Compactor Machine. Your dealer is interested in your new machine and has the desire to help you get the most value from it. After reading through this manual thoroughly, you will find that you can do some of the regular maintenance yourself. However, when in need of parts or major service be sure to see your Bartell dealer. For your convenience we have provided this space to record relevant data about your Vibratory Plate Compactor. When in need of parts or service be prepared to provide your Compactor serial number. Locate the serial number now and record in the space below.

Date Purchased:		Type of Machine:	
Dealer Name:		Model:	
Dealer Phone:		Serial Number:	

REPLACEMENT PARTS USED				MAINTENANCE LOG	
PART NO.	QUANTITY	COST	DATE	DATE	OPERATION

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Routine Service Intervals		Each use	After 1.5 months or 50 hrs	Each 3 months or 100 hrs	Each 6 months or 200 hrs	Each 9 months or 300 hrs	Each 12 months or 400 hrs
General Inspection:							
Guards	Check		o	o	o	o	o
Warning stickers	Check		o	o	o	o	o
Test run:	Check operation		o	o	o	o	o
Engine:							
Engine oil	Check Level	o	o	o	o	o	o
	Change		o		o		o
Engine oil filter	Replace				o		o
Oil cooler	Clean			o	o	o	o
Cooling Fins	Clean		o	o	o	o	o
Air cleaner	Check - clean	o	o	o	o	o	o
	Replace						o
Air Intake Line	Check				o		
	Replace						2 yrs
Fan Belt	Check tightness				o		o
	Replace						500 hrs
Valve clearance	Check-adjust				o		o
Fuel filter	Check & Clean			o	o	o	o
	Replace				o		o
Fuel Tank	Clean						500 hrs
Engine wiring	Check						o
Exciter:							
Exciter oil	Check Level	o	o	o	o	o	o
	Change	o			o		o
Drive belt	Check tightness	o	o	o	o	o	o
	Change				o		o
Retardant Spray System:							
Water flow operation	Check	o					
Spray nozzles	Clean	o					
Retardant Fluid	Check levels	o					

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Routine Service Intervals

Due to the nature and environment of use, plate compactors could be exposed to severe operating conditions. Some general maintenance guidelines will extend the useful life of your machine.

- The initial service for your compactor should be performed after 25 hours of use, at which time your mechanic (or authorized repair shop) should complete all of the recommended checks in the schedule above. The chart on page 6 (six) is handy for keeping a record of the maintenance performed and the parts used for servicing your compactor.
- Regular service according to the schedule above will prolong the life of the plate compactor and prevent expensive repairs.
- Keeping your plate compactor clean and free from debris is the single most important regular maintenance operation, over and above the checks in the service schedule above, that can be performed. After each use your compactor should be cleaned to remove any dust and debris from the undercarriage and surrounding components. Use of a power washer will make clean up quick and easy, especially if a non-stick coating was applied prior to use.
- In the Service Schedule above, items that should be checked, replaced or adjusted are indicated by “o” in the appropriate column. Not all plate compactor models include the same features and options and as such not all service operations may have to be performed. For ease of recording place a checkmark (√) through the “o” when the item is complete. If an item is not required or not completed place an “x” through the “o” in the box.
- All compactors have governed engine speed of 3600 rpm. See engine manufacturer’s manual for exact specifications. Care should be used when making any adjustments to the compactor not to change the governed speed. Running the engine at lower rpm’s will result in a decrease of compaction force and lower travel speed. It will create excessive “out-of-synch” vibrations resulting in poor compaction, maneuverability, excessive wear to the machine, and discomfort to the operator.
- Failure to have your vibratory plate compactor regularly serviced and properly maintained in accordance with the manufacturer’s instructions will lead to premature failure and void the warranty.

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FOREWORD

The Bartell Vibratory Plate Compactor is highly effective for a wide variety of surface, sub-soil, and back-fill materials. Although relatively light in weight and easy to operate, the Vibratory Plate Compactor delivers a tremendous impact to the soil. Pound for pound, the compactors provide a higher impact force. That means more productivity from our ideal combination of speed and deeper compaction.

SAFETY PRECAUTIONS

- Always keep unauthorized, inexperienced, untrained people away from this machine.
- Rotating and moving parts will cause injury if contacted. Make sure guards are in place. Keep hands and feet away from moving parts.
- Fuel the machine only when the engine is stopped, using all necessary safety precautions.
- The engine must always be stopped before attempting any repair or adjustments. Ignition switch should be off. **Danger: Never operate the machine in an explosive atmosphere, near combustible materials or where ventilation does not clear exhaust fumes. Repair fuel leaks immediately. Refer to your engine owner's manual for more safety instructions.**
- Be careful not to come in contact with the muffler when the engine is hot, serious burns may result!

ASSEMBLY INSTRUCTIONS

Your new Bartell Vibratory Plate Compactor has been shipped to you partially disassembled. Filling the fuel tank and a brief check of lubricant levels in preparation for operation is required. To complete the assembly the following instructions will be helpful.

A) **HANDLE** – Refer to the particular final assembly diagram in this parts book that corresponds with your compactor model. Attach the one-piece handle with the screws and lock washers supplied.

B) **EXCITER** – When installing the exciter assembly between the clamps, exciter housing should be located with an equal dimension protruding beyond the outside faces of the exciter clamps. The exciter clamp bolts must be torqued to 50 foot pounds. DO NOT EXCEED THESE RECOMMENDATIONS. Refer to the particular final assembly diagram in the parts book that corresponds with your compactor model.

OPERATING PRINCIPLE

An eccentric weight mounted on the exciter shaft contained within the exciter housing is driven at high speed by a clutch and belt drive system. This high speed shaft revolution causes the rapid lifting and downward ramming motion of the machine as well as imparting a forward motion.

The plate compactor is designed to run at an engine speed (engine take off shaft) of 3600 rpm. (normally considered full throttle).

Running the engine at lower rpm's will result in a decrease of compaction force and lower travel speed. It will create excessive "out-of-synch" vibrations resulting in poor compaction, maneuverability, excessive wear to the machine, and discomfort to the operator.

STARTING PROCEDURE:

**** WARM CLIMATE***

Open fuel valve on gas tank. Set throttle lever to "Fast" idle position, set choke to closed position, start engine. Open choke slightly to prevent flooding. Move to "Open" or "Run" position when engine is warm, increase throttle to maximum operation position (3600 rpm).

STARTING PROCEDURE:

**** COLD CLIMATE***

Follow same procedure as above but allow longer warm-up period – 3 to 5 minutes. In cold weather, oil is much heavier to move and requires more time to work its way into the moving parts. If maximum power is not attained, allow further warm-up time. Fill fuel tank with clean gasoline, use safety approved gas containers. DO NOT MIX OIL WITH GASOLINE – USE UNLEADED GAS ONLY.

STOPPING PROCEDURE

1. Throttle engine down.
2. Depress or turn off stop switch.

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OPERATION

1. In operation, guide the machine, but let the compactor do the work. Bearing down on the handle is unnecessary and causes shock absorber wear.
2. On level surfaces the compactor moves forward rapidly. On uneven surfaces or inclines, light forward pressure on handle may be required to assist the compactor in moving forward.
3. ALWAYS OPERATE THE MACHINE AT FULL THROTTLE. If excessive vibration is felt through the handle, do not operate until the engine is checked and set at its maximum running speed of 3600 rpm. Insure the drive belt is adjusted properly. Refer to belt tension section.
4. The handle has a spring loaded locking mechanism to keep it upright in storage. DO NOT OPERATE THE MACHINE WITH THE HANDLE IN THE STORAGE POSITION. To unlock the handle, push it to the left and pull back to operation position.

LUBRICATION

ENGINE OIL

Always check engine oil before starting and at regular intervals thereafter. Use proper engine oil as recommended – see chart below. Keep engine oil clean, change accordingly. Fill crankcase to levels as recommended in manufacturer's engine manual.

EXCITER HOUSING

The exciter housing is pre-serviced using exactly 4 ½ oz.of EXXON (ESSO) NUTO H-32 oil or its equivalent.

MAINTENANCE

Maintaining your compactor will insure long life to the machine and its components.

AIR CLEANER - Keep air filter clean at all times. Wash away dust and debris using a non-oil based cleaning solvent. Let the filter dry before re-installing.

LUBRICATION – Always check engine oil regularly. Use proper engine oil as recommended. See chart below. Fill crankcase to levels as recommended in manufacture's engine manual.

SPARK PLUG – Check and clean spark plugs regularly. A fouled, dirty or carboned spark plug causes hard starting and poor engine performance. Set spark plug gap to recommended clearance. Refer to engine manual.

BELT TENSION – IMPORTANT!

If there is excessive belt play, there will be a decrease in the impact force and erratic vibration, which could cause machine damage. The normal belt play should be 1/2" to 5/8" which is attained by depressing the top section of the belt at the belt guard mounting bracket location. When adjusting the belt make sure that the clutch is in alignment with exciter pulley. Tighten all engine mount bolts, adjust the two engine-stop bolts, and tighten lock nuts.

STORAGE

The following steps should be taken to prepare your plate compactor for extended storage.

1. Close fuel shut off valve.
2. Siphon excess gasoline from tank.
3. Start engine until it stops from lack of fuel. This will use up all the fuel in the carburetor and prevent formation of deposits due to evaporation of fuel.
4. Remove spark plug and pour 2 oz. of SAE-30 or SAE-40 motor oil into the cylinder. Slowly crank the engine 2 or 3 times to distribute the oil throughout the cylinder. This will help prevent rust during storage. Replace spark plug.
5. Store the unit in an upright position in a cool, dry, well ventilated area.

Season Temperature	Grade of Engine Oil
Spring to Autumn +40°F (4°C) to +120°F (49°C)	SAE 30
Winter +15°F (-9°C) to +40°F (4°C)	SAE 20
Below +15°F (-9°C)	SAE 10W-30

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ASSEMBLY DRAWINGS AND PARTS LIST

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COMPACTOR ASSEMBLY

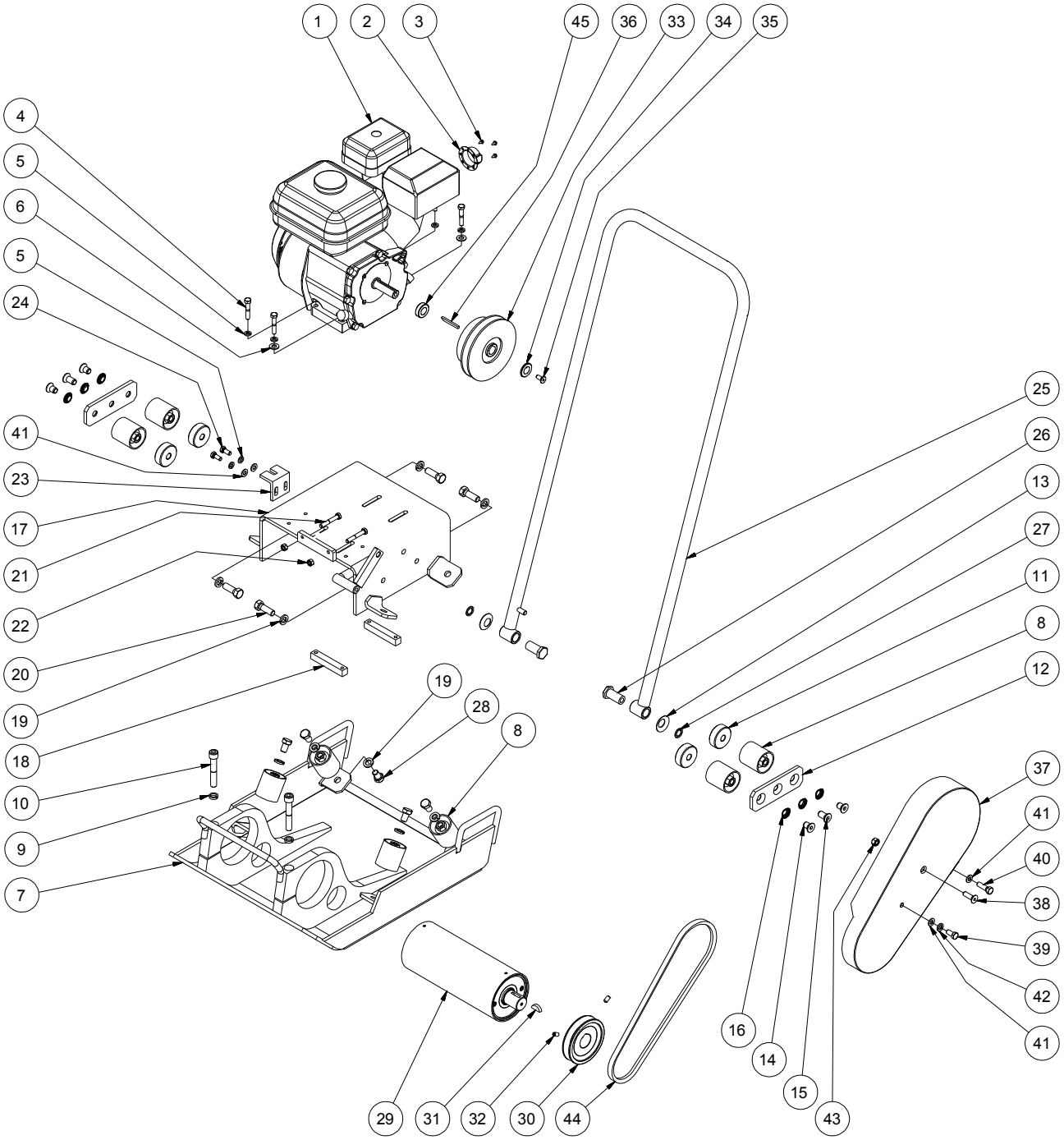

Figure 1 – Large Compactor Assembly

Note: B1821 Compactor Shown

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COMPACTOR BOM

Figure 1 – Large Compactor Assembly

Item #	Description	Item #	Description
1	Engine	24	Hex Bolt
2	Muffler Cap	25	Handle Ass'y
3	Sheet Metal Screw	26	Hex Bar
4	Hex Bolt	27	Internal Lock Washer
5	Lock Washer	28	Hex Bolt
6	Washer	29	Exciter Ass'y
7	Base Plate	30	Pulley
8	Rubber Shock Mount	31	Woodruff Key
9	Lock Washer	32	Set Screw
10	Cap Screw	33	Clutch Ass'y
11	Steel Spacer	34	Spacer Washer
12	Steel Mounting Plate	35	Flat Head Screw
13	Disc Spring	36	Clutch Key
14	Flat Head Screw	37	Belt Guard
15	Flat Head Screw	38	Flat Head Screw
16	Lock Washer C/S	39	Hex Bolt
17	Bridge Ass'y	40	Hex Bolt
18	Steel Bar	41	Washer
19	Lock Washer	42	Lock Washer
20	Hex Bolt	43	Nylock Nut
21	Hex Bolt	44	Belt
22	Hex Nut	45	Clutch Spacer
23	Steel "L" Bracket		

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CUSTOMER PARTS LIST

Assembly # **Large Compactor (Low/High Speed)**
(B1821, B1824)

Item #	B1821	B1824	Description	Qty	Eff. Date
1	21357	21357	Honda Engine, 5.5hp, GX160	1	12/02/04
2	11112	11112	Muffler Cap GX160	1	12/02/04
3	11115	11115	HH Self Tap ¼" x 3/8"LG	3	12/02/04
4	30008	30008	HHCS 5/16-18 UNC x 1-3/4"	4	12/02/04
5	10402	10402	Lock Washer, 5/16"	14	12/02/04
6	10905	10905	Washer, 3/8 Narrow	2	12/02/04
7	30072	30066	Base Plate Ass'y	1	11/20/07
8	30007	30007	Rubber Shock Mounts 1/2-13 Nut	8	12/02/04
9	30005	30005	Lock Washer, 1/2" Hi-Collar	2	12/02/04
10	30012	30012	SHCS, 1/2-20 UNF x 3" LG	2	12/02/04
11	30020	30020	HRS, 2"DIA x 3/4" LG	4	12/02/04
12	30035	30035	HRS, 5/16 x 2" x 6"	2	12/02/04
13	30053	30053	Disc Spring 3/4"ID	2	12/02/04
14	30013	30013	FHCS 1/2-13 UNC x 3/4"	4	12/02/04
15	30033	30033	FHCS 1/2-13 UNC x 1"	2	12/02/04
16	30004	30004	Lock Washer 1/2" C/S	6	12/02/04
17	30067	30067	Bridge Ass'y	1	12/02/04
18	30037	30037	CRS, 5/8" x 5/8" x 3-3/4"	2	12/02/04
19	10009	10009	Lock Washer, 1/2"	12	12/02/04
20	30019	30019	HHCS 1/2-13 UNC x 1-1/2"	4	12/02/04
21	30001	30001	HHCS 5/16-18 UNC x 2"	2	12/02/04
22	10108	10108	Hex Nut, 5/16-18 UNC	2	12/02/04
23	30036	30036	HRS 'L' Brkt, 1/4" x 1-1/2" x 2"	1	12/02/04
24	30142	30142	HHCS 5/16-18 UNC - 3/4"	10	12/02/04
25	30065	30065	Handle Ass'y	1	12/02/04
26	30017	30017	Hex Bar C12L14, 1" Across Flats	2	12/02/04
27	30003	30003	Lock Washer 1/2"ID Internal	2	12/02/04
28	30015	30015	HHCS 1/2-13 UNC x 3/4"	8	12/02/04
29	30076	30076	Exciter Ass'y	1	12/02/04
30	14284	14284	Pulley BC, 42" x 1-1/4" (Low Speed)	1	12/02/04
30	30130	30130	Pulley BC, 38" x 1-1/4" (High Speed)	1	12/02/04
31	10609	10609	Woodruff Key (1010) 1"dia x 5/16"thk	1	12/02/04
32	50117	50117	SHSS, 5/16-18 x 0.57" UNC, Cup Point	3	12/02/04
33	30202	30202	Clutch Assy (Compactor)	1	12/02/04
34	30042	30042	C12L14, 1-1/4"OD x .125"THK	1	12/02/04
35	11256	11256	FHSCS 5/16-24 UNF x 1"	1	12/02/04
36	30032	30032	Clutch Key 3/16"SQ x 2"LG	1	12/02/04
37	30167	30167	Belt Guard Comp LG	1	12/02/04
38	10843	10843	FHCS 3/8-18 UNC x 1-1/4"	1	12/02/04
39	30181	30181	HHCS 3/8-16 UNC x 3/4"	1	12/02/04
40	13312	13312	HHCS 3/8-16 UNC x 1-1/4"	1	12/02/04
41	10919	10919	Flat Washer, 5/16" Dia.	4	12/02/04
42	10902	10902	Lock Washer 3/8"	1	12/02/04
43	10317	10317	Nylock Nut 3/8-16UNC	1	12/02/04
44	30203	30203	Goodyear Belt - AX 34	1	12/02/04
45	11254A	11254A	Clutch Spacer	1	7/12/05

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SMALL COMPACTOR ASSEMBLY

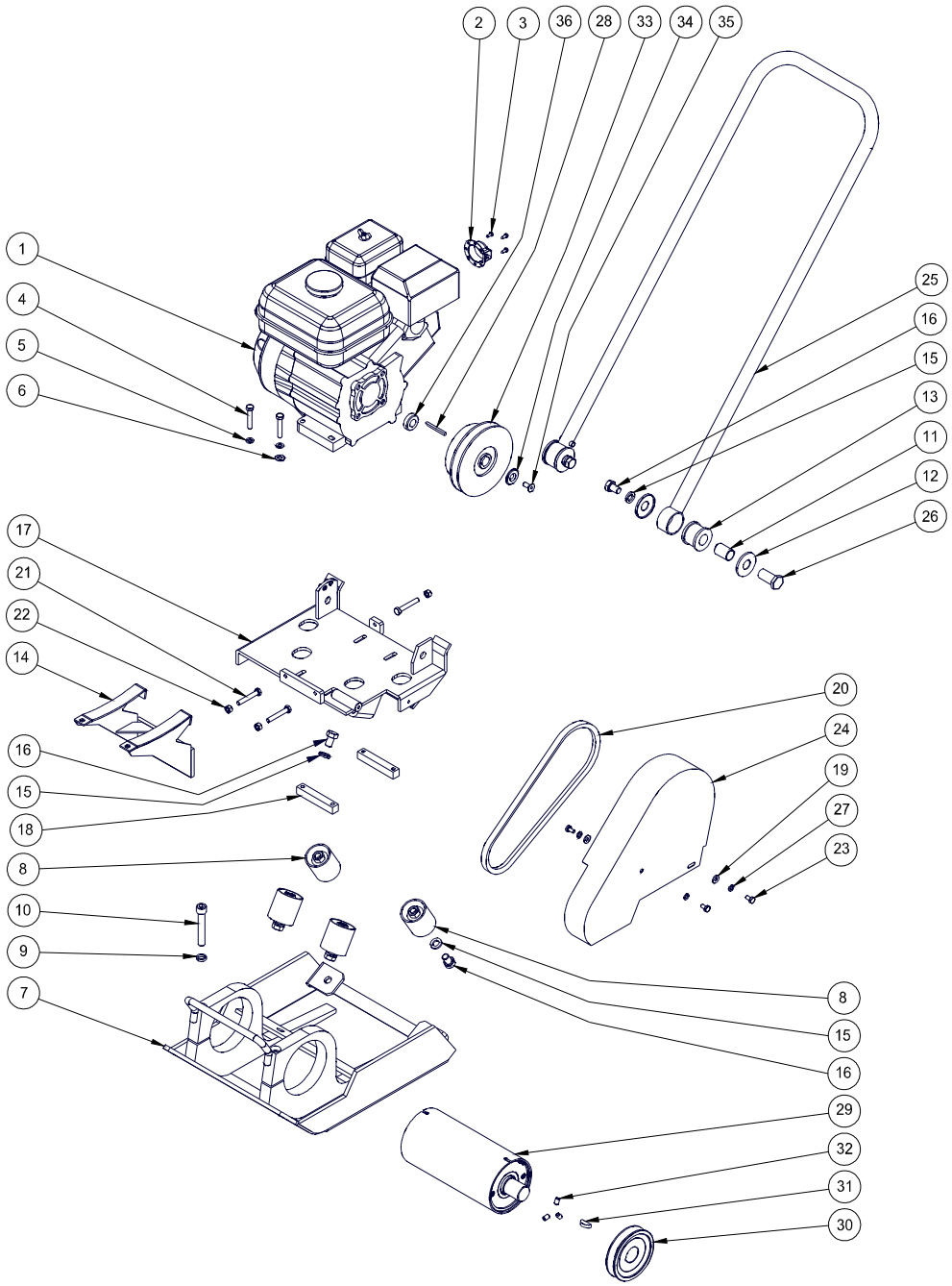

Figure 2 – Small Compactor Assembly

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COMPACTOR BOM

Figure 2 – Small Compactor Assembly

Item #	Description	Item #	Description
1	Honda	19	Washer
2	Muffler Cap	20	V-Belt
3	Self Tapping Screw	21	Hex Bolt
4	Hex Bolt	22	Locknut
5	Locknut	23	Hex Bolt
6	Flatwasher	24	Belt Guard
7	Base Plate Assembly	25	Handle Assembly
8	Rubber Mount	26	Handle Pin
9	High Colar Lockwasher	27	Lockwasher
10	Socket Bolt	28	Clutch Key
11	Bushing	29	Excitor Assembly
12	Handle Hinge Cap	30	Pulley
13	Rubber Handle Bushing	31	Woodruff Key
14	Water Tank Bracket	32	Set Screw
15	Lockwasher	33	Compactor Clutch
16	Hex Bolt	34	Clutch Washer
17	Bridge Assembly	35	Flat Head Bolt
18	Slider Nut	36	Clutch Spacer

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CUSTOMER PARTS LIST

Assembly # **Small Compactor**
(B1318)

Item #	Part #	Description	Qty	Eff. Date
1	21340	Honda GX120 4HP	1	12/02/04
2	11112	Muffler Cap - #18340-ZE1-010	1	12/02/04
3	11115	#8 Self Tapping Bolt	3	12/02/04
4	30008	HHCS 5/16 - 18 x 1-3/4	4	12/02/04
5	10402	Locknut 5/16"	4	12/02/04
6	10919	Flatwasher 5/16"Dia	2	12/02/04
7	30106	Base Plate Assembly - 13" x 18"	1	12/02/04
8	30007	Rubber Mounts 1/2-13UNC	4	12/02/04
9	30005	Lockwasher, High Collar 1/2"	2	12/02/04
10	30012	SHCS 1/2-20UNF x 3"LG	2	12/02/04
11	30120	Bushing	2	12/02/04
12	30121	Handle Hinge Cap	4	12/02/04
13	30122	Rubber Handle Bushing	2	12/02/04
14	30192	Water Tank Bracket	1	12/02/04
15	10009	Lockwasher 1/2"	10	12/02/04
16	30015	HHCS 1/2-13 x 3/4"LG	10	12/02/04
17	30133	Bridge Assembly	1	09/27/07
18	30037	Slider Nut 5/16-18UNC	2	12/02/04
19	11043	Washer 1/4"	2	12/02/04
20	30203	V-Belt BX34	1	12/02/04
21	30001	HHCS 5/16-18 x 2"LG	3	12/02/04
22	10108	Locknut 5/16-18 UNC	3	12/02/04
23	30031	HHCS 1/4-20 UNC x 1/2"LG	3	12/02/04
24	30132	Belt Guard	1	12/02/04
25	30123	Handle Assembly	1	12/02/04
26	30017	Handle Pin	2	12/02/04
27	10521	Lockwasher, 1/4"Dia	3	12/02/04
28	30032	Clutch Key, 3/16” x 3/16” x 2”LG (GX120/160)	1	12/02/04
29	30129	Excitor Assembly	1	12/02/04
30	14284	Pulley BC 42 x 1-1/4"Bore	1	09/27/07
31	10609	Woodruff Key # 808	1	12/02/04
32	50117	SHSS Cup Pt. 5/16-18UNC x 1/2"LG	3	12/02/04
33	30202	Compactor Clutch	1	12/02/04
34	30042	Clutch Washer	1	12/02/04
35	30041	FHSCS 5/16-24 x 3/4"LG	1	12/02/04
36	11254A	Clutch Spacer	1	7/12/05

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EXCITER ASSEMBLY

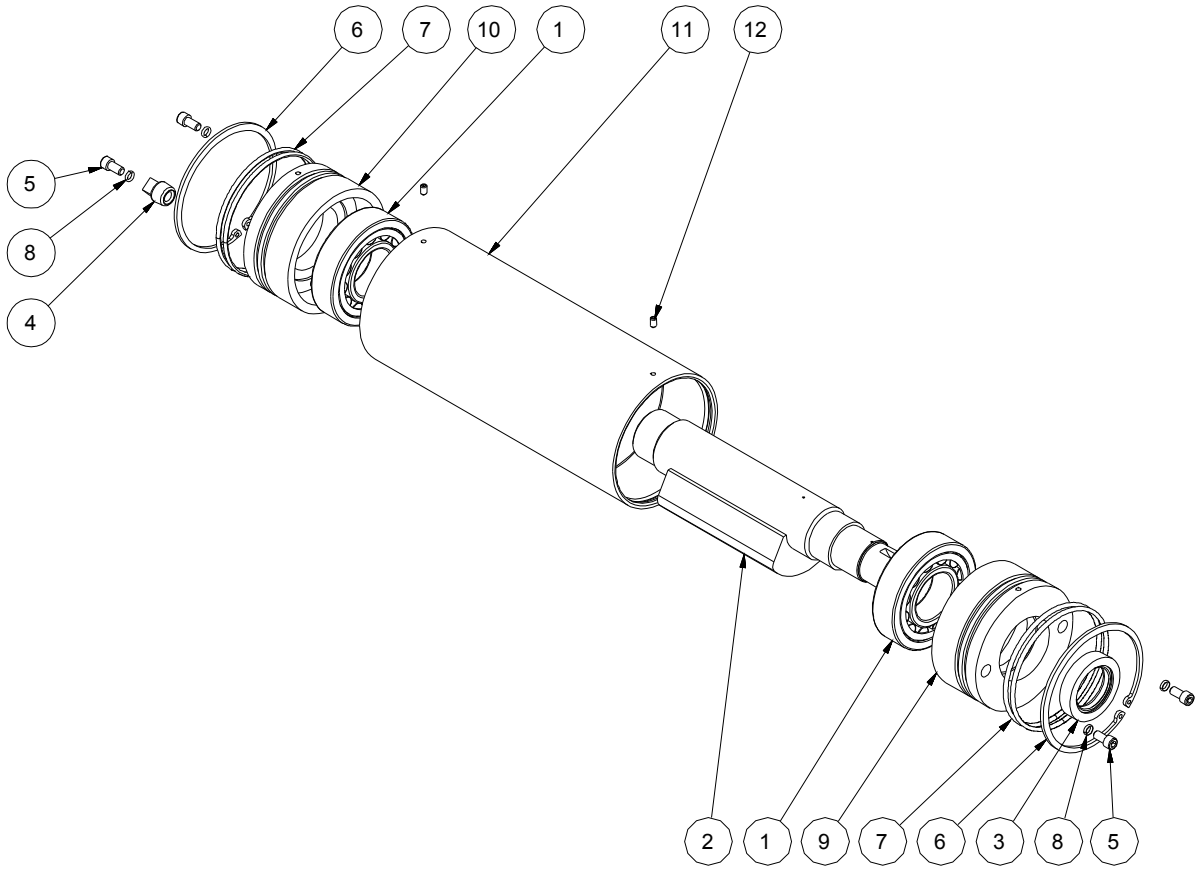

Figure 3 – Exciter Assembly

Note: Large Exciter Shown.

Item #	Description	Item #	Description
1	Bearing	7	O-Ring
2	Large Shaft Ass'y	8	O-Ring
3	Oil Seal	9	End Cap
4	Pipe Plug	10	End Cap
5	Cap Screw	11	Steel Tube
6	Retaining Ring	12	Set Screw

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CUSTOMER PARTS LIST

Assembly # **30129, 30076, 30077**
(Small, S-model, L & H model) Exciter Assembly

Item #	B1318	S Model	L & H Model	Description	Qty	Eff. Date
1	30047	30047	30047	Bearing #NJ308EG1C3	2	12/02/04
2	30164	30163	30162	Shaft Ass'y	1	12/02/04
3	10610	10610	10610	Oil Seal	1	12/02/04
4	10911	10911	10911	Pipe Plug, Sq. Hd.,3/4-18NPT	1	12/02/04
5	30010	30010	30010	SHCS 1/4-20 x 1/2 UNC	4	12/02/04
6	30016	30016	30016	Retaining Ring, N5000-400	2	12/02/04
7	30027	30027	30027	O-Ring, #224, Fluorocarbon	4	12/02/04
8	30028	30028	30028	O-Ring, #224, Fluorocarbon	4	12/02/04
9	30044	30044	30044	ASTM A48 Class 30 4-1/8"Dia x 2"LG	1	12/02/04
10	30045	30045	30045	ASTM A48 Class 30 4-1/8"Dia x 2"LG	1	12/02/04
11	30125	30025	30025	Mechanical Tube	1	12/02/04
12	10967	10967	10967	SS, #10-24UNC x 3/8"LG	2	12/02/04

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TROUBLESHOOTING

WON'T START
- Throttle fully open
- Hand lever wire broken
- No gas
- Dirty gas
- Gas filter plugged
- Gas line plugged
- Hole in gas line
- Gas supply valve turned off
- Safety switch wire or connectors not making good contact
- Other engine problems (Refer to engine manual)

STARTS BUT NO HIGH SPEED
- Engine problems
- Throttle cable broken or seized
- Throttle lever and connectors loose or out of adjustment
- Clutch shoes worn

MACHINE JUMPS ON FLOOR
- Surface too hard, unyielding
- Warped or damaged compactor base

BELT WEARING RAPIDLY
- Belt adjusted improperly
- Pulley out of alignment
- Wrong belt/defective belt
- Clutch sticking

OIL LEAKS
Exciter
- End-cap seals worn or damaged
- Mainshaft seal worn
- Damaged bearing
- Too much oil in exciter housing

WON'T MOVE FORWARD OR REVERSE
- Exciter spinning too slow or not at all
- Debris on the undercarriage of the exciter base

EXCITER SHAFT WILL NOT TURN
- Bearing(s) seized
- Shaft keys broken
- Belt damaged
- Engine rpm's too low

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SPECIFICATIONS

VIBRATORY PLATE COMPACTOR

Model	Plate Size	Centrifugal Force	Cycles per Minute	Travel Speed	Engine	Operating Weight
B1318	13" x 18" (33 x 46cm)	2000 lbs. 909 kg	5040	110 ft/min. 34 m/min.	Honda 4 HP	138 lbs. 63 kg
B1821-S	18" x 21" (46 x 53cm)	2450 lbs. 1114 kg	5040	91 ft/min. 28 m/min.	Honda 5.5 HP	184 lbs. 84 kg
B1821-L	18" x 21" (46 x 53cm)	2800 lbs. 1273 kg	5040	93 ft/min. 28.5 m/min.	Honda 5.5 HP	186 lbs. 85 kg
B1821-H	18" x 21" (46 x 53cm)	3600 lbs. 1636 kg	5800	110 ft/min. 34 m/min.	Honda 5.5 HP	187 lbs. 85 kg
B1824-S	18" x 24" (46 x 61cm)	2450 lbs. 1114 kg	5040	89 ft/min. 27 m/min.	Honda 5.5 HP	193 lbs. 88 kg
B1824-L	18" x 24" (46 x 61cm)	2800 lbs. 1273 kg	5040	91 ft/min. 28 m/min.	Honda 5.5 HP	195 lbs. 88 kg
B1824-H	18" x 24" (46 x 61cm)	3600 lbs. 1636 kg	5800	110 ft/min. 34 m/min.	Honda 5.5 HP	196 lbs. 89 kg

Optional Equipment: Self-drip Spray System

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COMPANY INFORMATION

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Conforms with the provisions of the "MACHINES" directive, modified (directive 89/392/CEE) and the national codes transposing it.

(Directive 89/392/CEE, modified) and the rules governing its transposition

Brampton, Ontario, Canada, May 09, 2007

European Representative

Steve Adam

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NOTES

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